

Multiplying and Dividing Proper and Mixed Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $3\frac{7}{9} \times \frac{1}{2} =$

2. $3\frac{8}{9} \div \frac{6}{7} =$

3. $1\frac{1}{3} \times \frac{2}{9} =$

4. $2\frac{1}{3} \div \frac{6}{7} =$

5. $3\frac{5}{9} \times \frac{1}{7} =$

6. $3\frac{1}{2} \div \frac{7}{8} =$

7. $1\frac{3}{8} \div \frac{5}{7} =$

8. $3\frac{8}{9} \times \frac{1}{4} =$

9. $\frac{2}{3} \div 2\frac{1}{2} =$

10. $2\frac{2}{5} \times \frac{1}{4} =$

Multiplying and Dividing Proper and Mixed Fractions (G) Answers

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Date: _____

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Calculate each result.

$$1. \quad 3\frac{7}{9} \times \frac{1}{2} = \frac{34}{9} \times \frac{1}{2} = \frac{34}{18} = \frac{17}{9} = 1\frac{8}{9}$$

$$2. \quad 3\frac{8}{9} \div \frac{6}{7} = \frac{35}{9} \div \frac{6}{7} = \frac{35}{9} \times \frac{7}{6} = \frac{245}{54} = 4\frac{29}{54}$$

$$3. \quad 1\frac{1}{3} \times \frac{2}{9} = \frac{4}{3} \times \frac{2}{9} = \frac{8}{27}$$

$$4. \quad 2\frac{1}{3} \div \frac{6}{7} = \frac{7}{3} \div \frac{6}{7} = \frac{7}{3} \times \frac{7}{6} = \frac{49}{18} = 2\frac{13}{18}$$

$$5. \quad 3\frac{5}{9} \times \frac{1}{7} = \frac{32}{9} \times \frac{1}{7} = \frac{32}{63}$$

$$6. \quad 3\frac{1}{2} \div \frac{7}{8} = \frac{7}{2} \div \frac{7}{8} = \frac{7}{2} \times \frac{8}{7} = \frac{56}{14} = 4$$

$$7. \quad 1\frac{3}{8} \div \frac{5}{7} = \frac{11}{8} \div \frac{5}{7} = \frac{11}{8} \times \frac{7}{5} = \frac{77}{40} = 1\frac{37}{40}$$

$$8. \quad 3\frac{8}{9} \times \frac{1}{4} = \frac{35}{9} \times \frac{1}{4} = \frac{35}{36}$$

$$9. \quad \frac{2}{3} \div 2\frac{1}{2} = \frac{2}{3} \div \frac{5}{2} = \frac{2}{3} \times \frac{2}{5} = \frac{4}{15}$$

$$10. \quad 2\frac{2}{5} \times \frac{1}{4} = \frac{12}{5} \times \frac{1}{4} = \frac{12}{20} = \frac{3}{5}$$